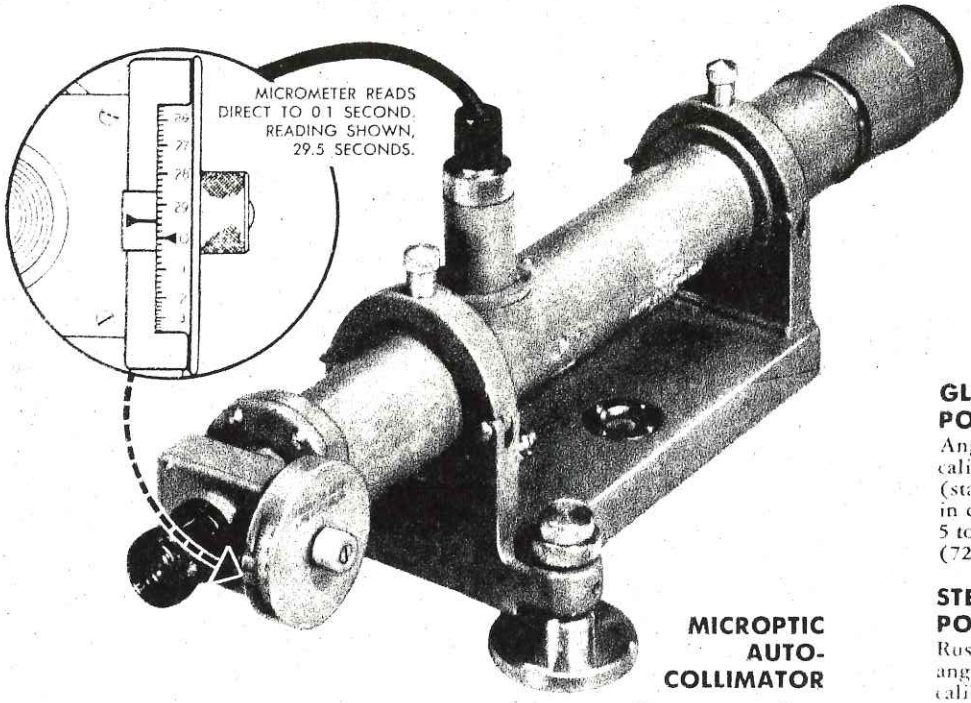
WATTS MICROPTIC AUTO-COLLIMATOR

AND ACCESSORIES



MICROPTIC AUTO-COLLIMATOR

Detects errors from a straight line or true plane to less than .000001" per inch—tests circular spacing to 0.1 second of arc. Overall range 10 minutes. Unaffected by temperature, normal shop vibration or wear.

POLYGONS

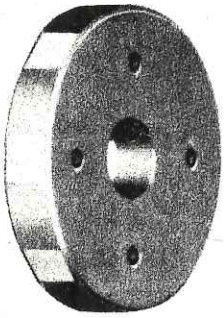
Used with Microptic Auto-Collimator, polygons test circular spacing precisely. They need not be centered to axis of rotation.

GLASS POLYGONS

Angles between faces calibrated to 0.1 second (standard). Available in divisions from 5 to 24 faces (72° to 15°)

STEEL POLYGON

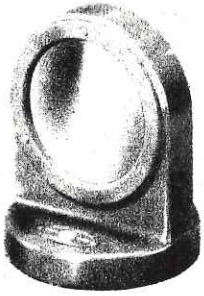
Rust resistant, angles between faces calibrated to 0.1 second (standard). Available in divisions from 5 to 72 faces (72° to 5°)

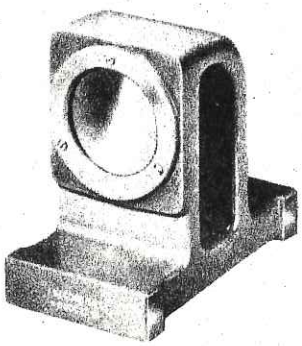


REFLECTORS

Standard reflector carriage for testing straightness. Base has 5" spacing.

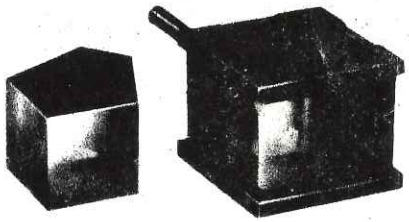
Circular base reflector used for turning line of sight through any angle.





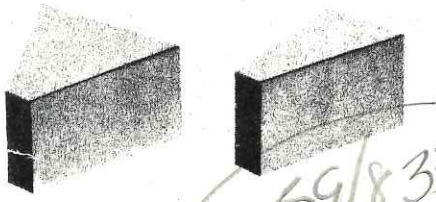
OPTICAL SQUARE (PENTA PRISM)

For turning line of sight through precise right angle. Calibrated to nearest second. Width of face, 1" and 1½". Available unmounted.



ANGLE GAGES

Used as reflectors. Complete sets and combinations to set up any angle precisely.



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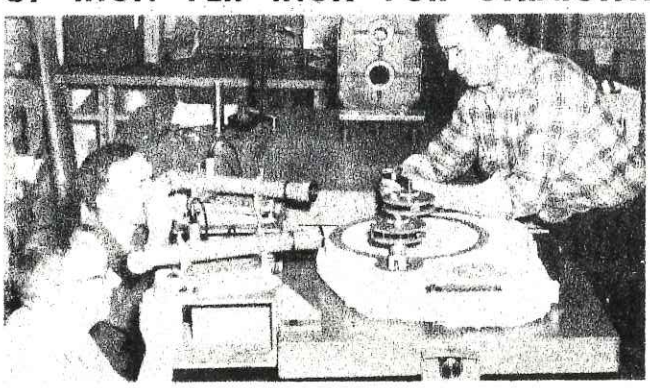
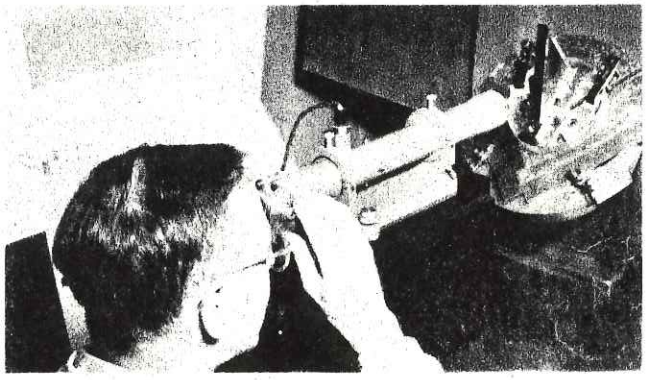
THE MICROPTIC AUTO-COLLIMATOR CHECKS DIRECTLY TO ONE-HALF MILLIONTH OF INCH PER INCH FOR STRAIGHTNESS, PARALLELISM, SQUARENESS, ANGLES



Microptic Auto-Collimators used with one-piece glass polygons to inspect critical components.



Microptic Auto-Collimator and 45° angle block gage are used to set a tilting table to a fraction of second of arc in a standards laboratory.